



Epson Stylus® Pro 7900CTP Large Plate Accessory Kit

User's Guide

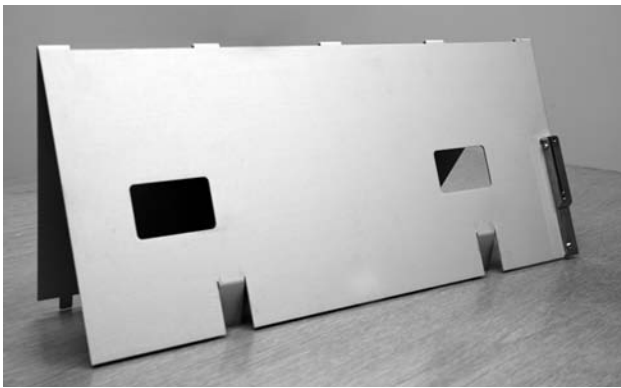
Introduction

The Large Plate Accessory Kit enables the Epson Stylus® Pro 7900CTP Computer to Plate System to print and cure large aluminum plates. The kit contains a large plate guide for the printer and a tray extension for the plate curing unit (PCU).

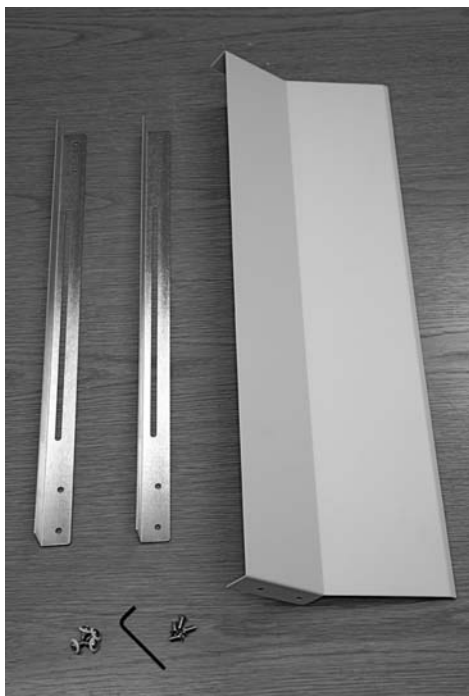
The Large Plate Accessory Kit is recommended for Epson DirectPlate Aluminum plates over 16 inches (406 mm) wide. See the *Epson Stylus Pro 7900CTP Computer to Plate System User's Guide* for information about the system.

Parts Included in the Kit

- Large plate guide



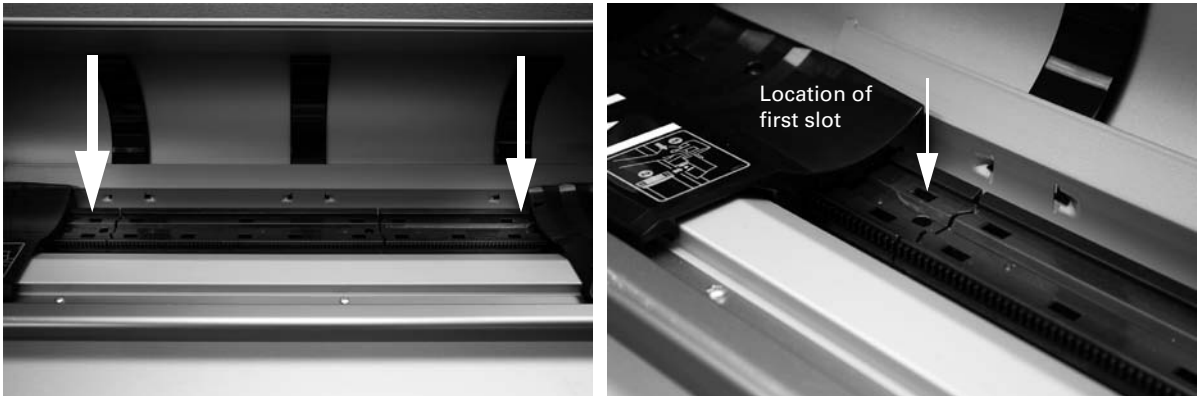
- Tray extension, two extension supports, four screws, four slider screws, and a hexagonal (2.5 mm/0.10 inch) wrench



Installing the Large Plate Guide on the Printer

To ensure proper registration when printing on Epson DirectPlate Aluminum plates, you need to install the large plate guide on the printer.

1. Open the roll paper cover on the printer.
2. Remove the roll paper if installed (see the *Epson Stylus Pro 7900/9900 Printer Guide* for information).
3. Remove the small plate guide if installed.
4. Locate the first and last slots in the back row of slots.



5. Insert the rear tabs on the bottom of the guide into the first and last slots of the printer.



Once the rear tabs are in position, the front of the paper guide lies on the top of the printer.


4 | Aligning the Large Plate Guide

6. Gently press the top of the guide on both sides to secure it into position.



Aligning the Large Plate Guide

The large plate guide must be correctly aligned to prevent any skew when printing on the plate.

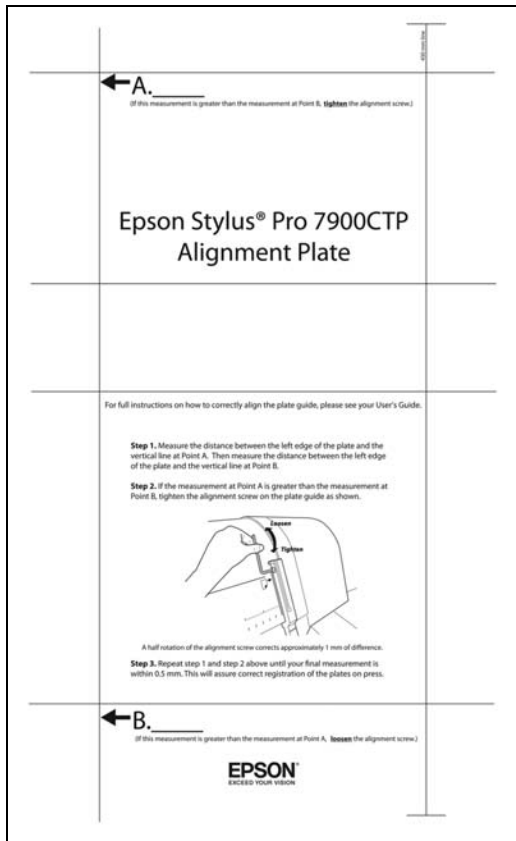
1. Press the ◀ Paper Source button until the  Sheet icon appears on the LCD screen.
2. Insert a test plate (see “Loading a Plate in the Printer” on page 7) and print the file “7900CTP_alignment_sheet.pdf” that is included on the CD with the Epson Stylus Pro 7900CTP system. If you don’t have the CD, you can download it from www.proimaging.epson.com.

If you are using the RIP included with the Epson Stylus Pro 7900CTP system, you can print the file using the menu options.

Note:

You must use an Epson DirectPlate Aluminum plate for this test because paper won’t be accurate. You should use the same size plate you will use for final printing.

3. Use a metric ruler to measure the distance from the left edge of the plate to point A on the printed plate. Then measure the distance from the left edge of the plate to point B. If the distances to points A and B are equal, go to step 6. If they vary by more than 0.5 mm, the plate guide is not correctly aligned. Continue with step 4 to adjust the alignment.

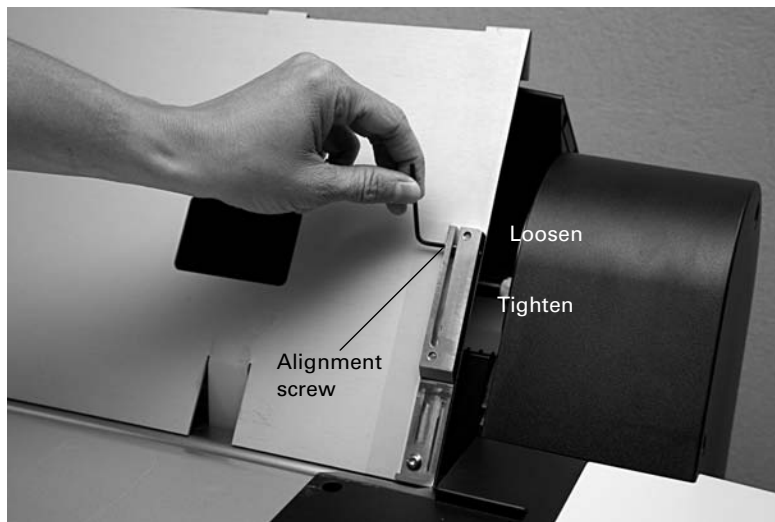


Note:

For best results, use a ruler delineated in half-millimeter increments and a magnifying lens.

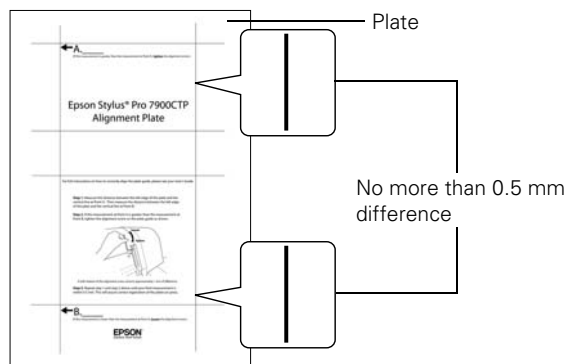
6 | Aligning the Large Plate Guide

- Using the included hexagonal wrench, adjust the alignment of the plate guide. If distance A is greater than distance B, tighten the alignment screw; if distance B is greater than distance A, loosen the screw. Half a rotation of the screw moves the guide approximately 1.0 mm (0.04 inch).



- Repeat steps 2 and 3 and, if required, step 4 until the measurements are nearly equal, within 0.5 mm.
- Once the plate guide is aligned, you need to confirm the alignment. Use a new plate to print the test pattern, then print the test pattern again on the same plate. The plate is correctly aligned when the line thickness at the top and bottom of the printed pattern is no greater than 0.5 mm.

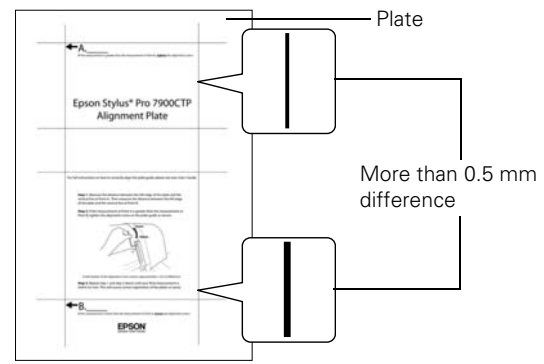
Leading edge



Trailing edge

Correct alignment

Leading edge



Trailing edge

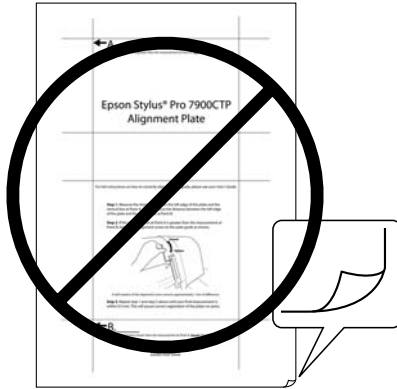
Incorrect alignment

Loading a Plate in the Printer

Caution:

Use only Epson DirectPlate Aluminum plates.

Examine each plate carefully before you use it. If the plate is dented or the corners or edges are bent, do not use it. Even the slightest bent corner can damage the printer.






WARNING:


The plate edges are sharp. Use caution to avoid injury.

1. When working with large size plates, position the media catch bin (fabric bin) as shown to enable the plate to exit the printer without interference.




2. Make sure the printer is turned on and the  power light is not flashing.
3. Press the  Paper Source button until the  Sheet icon appears on the LCD screen.

8 | Loading a Plate in the Printer

4. Press the  Paper release (ePlaten) button to disengage the feeder rollers.



Paper release
(ePlaten) button


5. Set the printer to the highest paper suction setting. This will help load the plate. To do that, press  to increase the suction.
6. Lower the plate (with light gray, coated side face up) into the paper slot (short edge first) so at least 1 to 2 inches of the top edge are above the large plate guide. For example, the top edge of a 19-inch long plate should be no less than 2 to 3 inches above the plate guide.

Slide the plate against the two alignment points along the top and bottom of the large plate guide. Make sure that the plate touches both top and bottom alignment points.




Top alignment
point


Bottom
alignment point

7. While gently holding the plate against the guide, press the  Paper release (ePlaten) button again to engage the paper feeder rollers.

The **PRESS PAUSE** message appears on the printer's LCD screen when the printer detects the plate and the paper release has closed.

WARNING:

The plate edges are sharp. To avoid injury, remove your hand from the plate after you press the  Pause/reset button.

8. Press the  Pause/reset button and let go of the plate. The printer loads and aligns the plate in the correct position.



If the plate was not in correct position (either too high or too low) in step 6, you get a loading error message.



9. When you see PAPER SETTINGS > ARE THESE SETTINGS OK? on the LCD screen, be sure to select NO PAPER SELECTED.

Note:

If you will use multiple plates consecutively on the printing press, it is best to load plates into the printer in the same direction each time. Otherwise, there is a possibility of minor differences in final printing.

Unloading a Plate from the Printer

After printing is finished, the plate stays in the printer. To prevent damage to the plate, make sure it doesn't fall. Hold the plate and do one of the following:

- If you plan to print more plates, press the  Paper release (ePlaten) button. The plate currently in the printer is released and you can load another plate.
- If you're done printing plates, press the  button.

Attaching the PCU Tray Extension

The extension attaches to the larger tray supplied with the PCU; the tray should be used as the input tray.

Note:

The extension adds a small incline for the plate to travel into the oven.

1. Attach the extension supports to both sides of the tray extension. Secure the screws with included hexagonal wrench, as shown below.



2. Set the PCU tray upside-down on a table. Attach the extension supports to the tray with the four slider screws.

Note:

For best results, hang the tray extension over the edge of a table so the tray lies flat while you are attaching the extension supports.



You can now slide the extension in and out to match your plate size.



3. Attach the tray to the PCU by inserting the tab into the slot on the input side of the PCU. Press the tray down to make sure the tab is completely locked into the PCU.

If you need to adjust the tray, see the *Epson Stylus Pro 7900CTP Computer to Plate System User's Guide*.

Note:

You can remove the large plate guide to print paper and then reinsert the large plate guide without having to realign it, assuming the large plate guide is put back in place correctly.

Where to Get Help

Epson provides technical support and information on the installation, configuration, and operation of professional imaging products through the Epson PreferredSM Limited Warranty Plan. Call (888) 377-6611, 6 AM to 6 PM, Pacific Time, Monday through Friday. Days and hours of support are subject to change without notice.

Before you call, make sure you have your Unit ID number, which is included with the Epson Preferred Limited Warranty Plan information that came with your printer. You'll also need your printer serial number and proof of purchase.

Visit Epson's support website at epson.com/support and select your product for solutions to common problems. You can download drivers, firmware, and documentation, get FAQs and troubleshooting advice, or e-mail Epson with your questions.

If you experience difficulty with the toll-free line or your Unit ID number, call the Professional Imaging support line at (562) 276-1305.

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